

EXECUTIVE SUMMARY

On October 31, 2001, the Division for Air Quality received a Conditional Major renewal application from Dow Corning Corporation to operate a silicone adhesive and sealants manufacturing plant in Elizabethtown, Kentucky. This application was determined to be complete on December 12, 2001. The permitted points are as follows: 1 unit in the product packaging area, 11 units in the press mixer area, 2 units in Werner-pfleiderer, 21 units in the ET-1 batch area, 7 units in the CU/WP-OXIME, 3 units in the ABM Sylgard Tanks area, 3 units in treated silica manufacturing, 3 units in the roof coating area, 5 units in bulk filler storage, 7 units in heating operations, 2 units in miscellaneous cleaning operations, 9 units in latex process and 66 insignificant activities. Emissions of VOC, single HAPs, and combined HAPs from the source are voluntarily limited by the permittee to attain synthetic minor status.

The issuance of a federally enforceable synthetic minor permit requires a preliminary determination and public notice. This has been done by the Division. An advertisement was placed in *The News-Enterprise* in Elizabethtown on September 27, 2006. The thirty day comment period has expired and all comments have been addressed in the Response to Comments document.

In conclusion, a thorough analysis has been made of all relevant information available which pertains to this application. The Division has concluded that the proposed operation will comply with all air quality regulations and requirements. Therefore, a final determination has been made to issue a final permit.